

INSTALLATION INSTRUCTIONS

ROLLER SHUTTER DOOR



01 REQUEST BEFORE INSTALLATION

Do not attempt to install, make repairs or adjustments. Only a trained and authorized service technician should perform the installation process. Contact your local dealer or distributor for assistance.

When working with electricity, the power supply is guaranteed to be disconnected and sealed.

PREPARATION



Specialized equipment:

STT	DEVICE	STT	DEVICE
1	Wrech 10-13, 17 - 22	10	Wire
2	Crew	11	Nivo ruler
3	Drill	12	Welder
4	Pen	13	Ruler
5	Pincers	14	Tape measure
6	Angle Grinder	15	Screwdrivers
7	Countersink	16	Lazer ruler
8	Hoist	17	Electric tester or power
9	Hammer		

CHECK THE PRODUCT



- ✓ Check the condition of the product (was it damaged in transit?)
- ✓ Fully check the accompanying materials when installing (warning stamps, user manual stamps).
- ✓ If any damage or loss is found, notify the carrier immediately.

Materials included with the product:

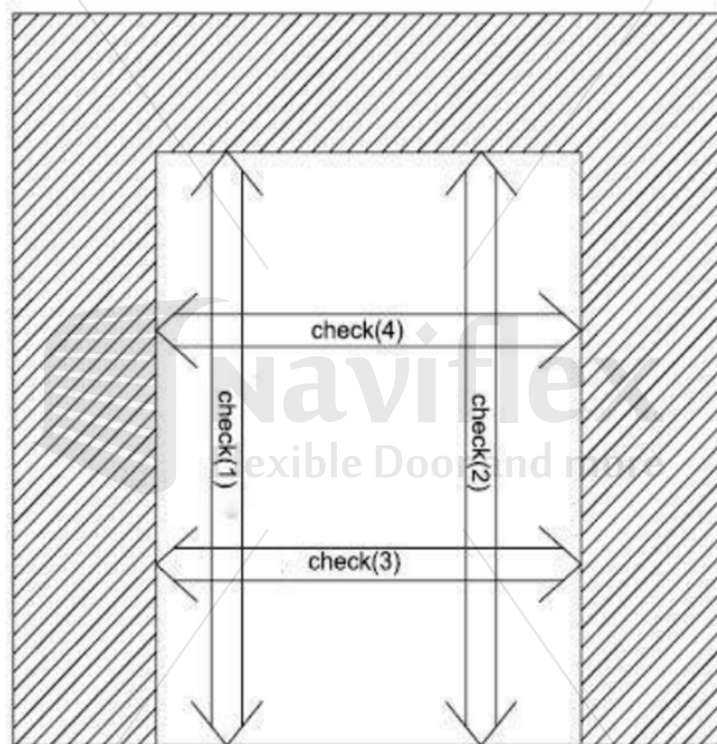
- Products of Roller shutter door Naviflex. (Door trim, roller, motor)
- Control electrical box, battery, motor, cruise switch.
- Components for mounting cabinets (screws, screws, canopy, ...)
- Power cord.

◆ CHECK THE SIZE

- ✓ Check that all cell dimensions conform to the approved drawing. Use Nivo to check the straightness of the frame. Check the entire distance, if there is any size deviation of more than 10mm, you must immediately report to "Supervisor Sai Gon Nam Phat Joint Stock Company" for support.
- ✓ Determine the material of the door frame to conduct the connection of the hanging bar.
- ✓ Make sure that the location of the electrical cabinet and electrical wiring is arranged according to the drawing diagram.



NOTICE: DO NOT connect the power cord of the steel roller shutter and the ground wire until the installation is complete. Failure to comply will cause damage to the motor, equipment, electrical wires, and control cabinets.



Checking the frame size

02 ◆ REQUEST AND STANDARD IN INSTALLATION

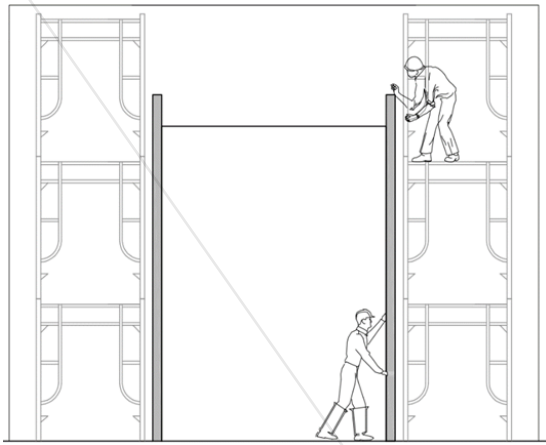
◆ DOOR FRAME INSTALLATION

Request:

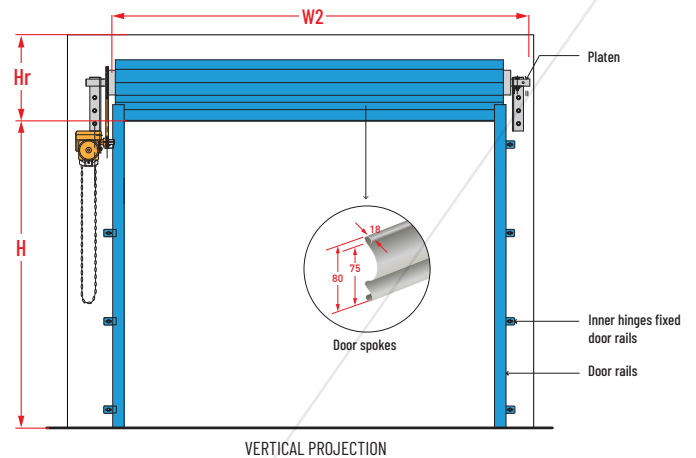
- ✓ Make sure the door rails are vertical, the two rails are of equal height, firmly bonded to the frame surface.
- ✓ Dividing the connection between the door rails in accordance with the floor plan (1).

Proceed:

1. Use a Nivo ruler to align the two guide rails vertically (place a spacer under the rail if necessary).
2. Take the mark on the surface and in the rail => drill a hole in the position to take the mark (drill 10mm concrete) => install drop in anchor => put the frame in and then tighten it.
3. Fix each rail with 6 fixed pins. Tighten the screw to the surface plate and door rail ray.



Fixing the door rail to the frame after checking the dimensions.



Fix the door rail to the frame with a fixing plugs.

♦ INSTALLATION OF FLANGES, MOTORS AND UPS

Preparation:



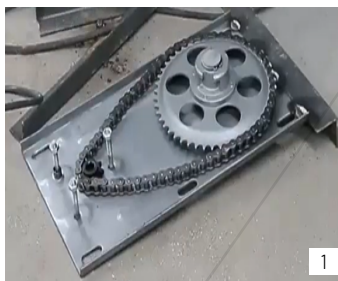
- Forklifts, ladders.
- Screws, wrenches...

Request:

- ✓ The End plate is firmly fixed on the surface. Two symmetrical the end plates.
- ✓ Motor is tested for stable operation. The motor part on the end plate usually has a loose motor chain that is allowed in the range of 5 - 10 (mm).
- ✓ Ensure safety during lifting.
- ✓ Ensure the end plate spacing.
- ✓ Ensure the height is correct.
- ✓ Power off during connection.

Proceed:

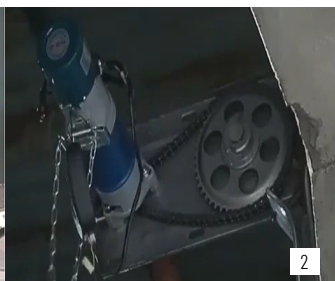
1. The end plate is fitted with a sturdy fixed pulley. Welding with steel fixed to the surface.
2. Lift the fixed motor to the end plate and pulley, tighten the foot nut firmly. Similar to UPS.
3. The power cord through the conduit, pull it back to the control box for connection.



1



1



2



3



Push-button

Fix the end plate and motor, pull the power cord to the control box

◆ FIX THE ROLLER, ATTACH THE DOOR TRIM

Request:

- Ensure safety during lifting.
- Roller is not tilted, high accuracy.
- Door trim is installed evenly on both sides, lifting and lowering without entanglement.

Proceed:

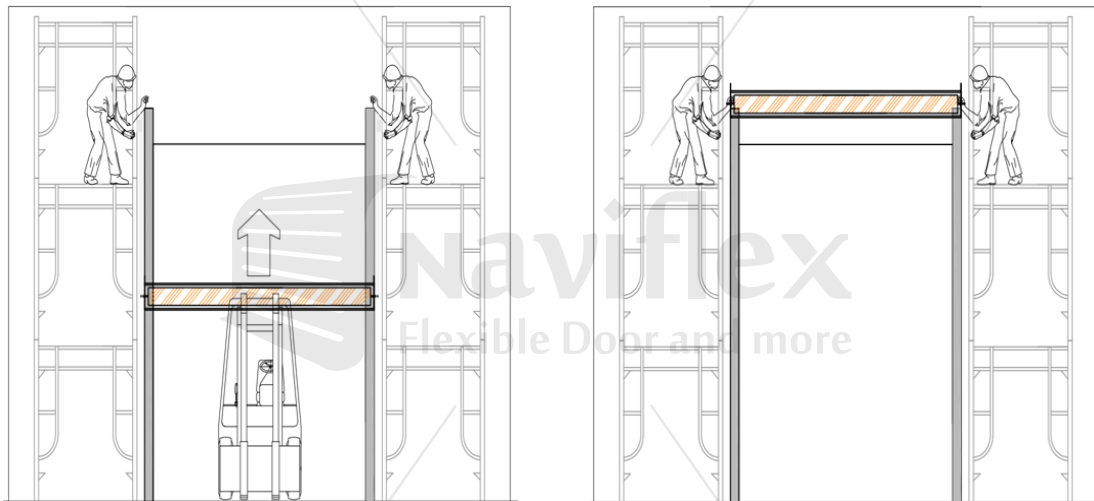
Step 1: Use a forklift or manual chain hoist to lift the roller.

Step 2: The end plate and roller are welded, firmly.

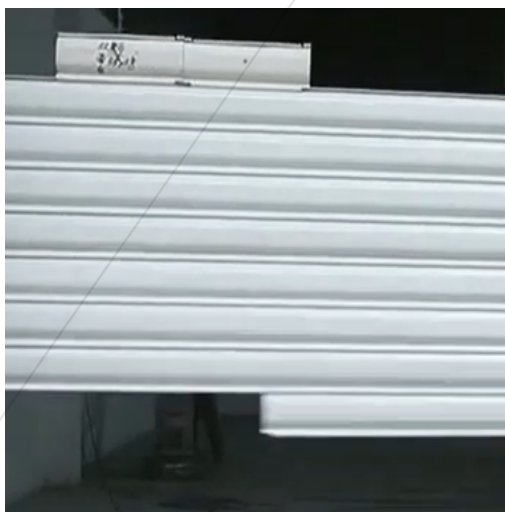
Step 3: Conduct threading of door trim, the last spokes are screwed on both sides 50mm from the door rails, fixed and rolled into the roller. Insert the door trim into the rail.

Step 4: Reset the opening and closing stroke or adjust the motor.

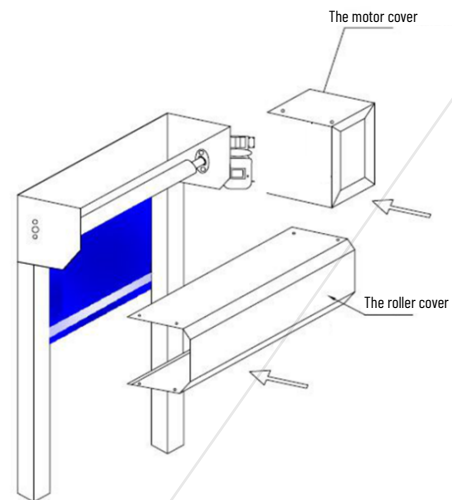
Step 5: Install the motor cover box, roller cover box on the mounting frame.



Carrying out lifting rollers by forklift



Thread the door handle and fix it on the roller



The end door trim is screwed to fix with other door trims



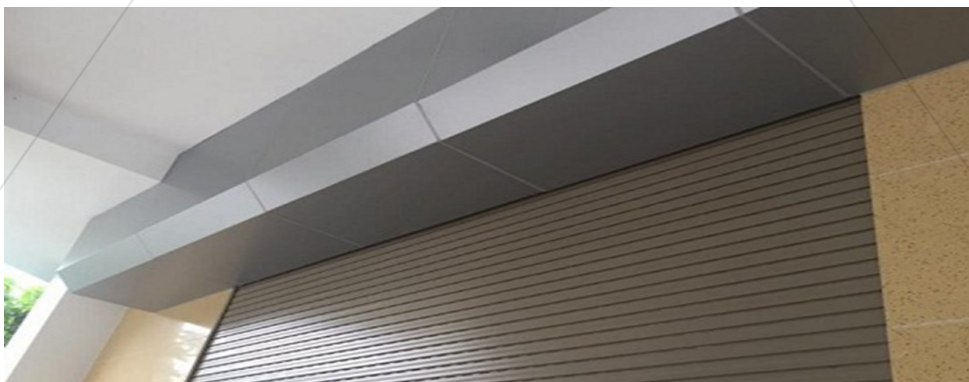
The assembly process of the cover box will be done when the door trims are rolled and threaded into the rails.



Mounting of Full box cover, Half cover and no box cover



Outside the cover box is made of steel with powder coating. An Alu cover may be required to ensure aesthetics with a wide range of colors. Alu cover box has lower load capacity than steel cover box.



High aesthetic Alu cover box

03 TEST OPERATION AFTER INSTALLATION

GENERAL TEST

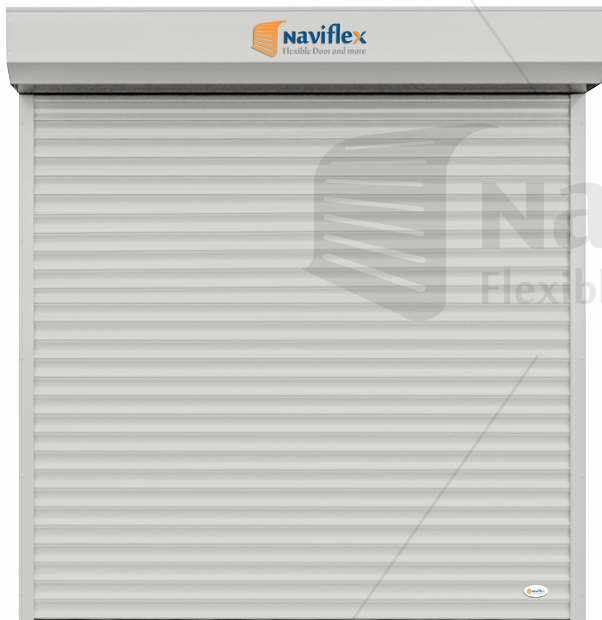


- ✓ Test control by hand, remote.
- ✓ Check the control wire on the wall.
- ✓ Check the reversing system when encountering an obstacle.
- ✓ Check the smoothness of the door when going up or down.
- ✓ Check up and down between the door trims.
- ✓ Check the UPS.

TEST OPERATION



- The test operation is only allowed by the supervisor of Sai Gon Nam Phat company or an authorized person.
- Check operation when there is an error, run correctly or not.



Push-button



Remote

Full the full door after install



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